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08/10/01

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	
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Attorney Docket No. 442211	
First Inventor Muhammad A. Sharaf	
Title SPECTRAL CALIBRATION OF FLUORESCENT POLYNUCLEOTIDE SEPARATION APPARATUS	
Express Mail Label No. EL 782 733 021 US	

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO:	A 08/10/01 j1040 U.S. PRO 09/927791
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small></p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 33]</p> <p>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 4]</p> <p>5. Oath or Declaration [Total Pages 2]</p> <p>a. <input checked="" type="checkbox"/> Unexecuted</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small></p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</small></p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy (CRF)</p> <p>b. Specification Sequence Listing on:</p> <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>	

ACCOMPANYING APPLICATION PARTS	
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></p> <p>15. <input type="checkbox"/> Certified copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. 09 / 154,178 filed Sept. 16, 1998

Prior application information:

Examiner: J. StarsiakGroup Art Unit: 1743

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been specifically admitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		22896 <small>(Insert Customer No. or App. Bar Code/Label)</small>		<input type="checkbox"/> Correspondence address below	
Name	Jeffery D. Frazier				
Address	Applied Biosystems 850 Lincoln Centre Drive				
City	Foster City	State	California	Zip Code	94404
Country	US	Telephone	650-570-6667	Fax	650-638-6677

Name (Print/Type)	Jeffery D. Frazier	Registration No. (Attorney/Agent)	34,601
Signature			Date
			Aug. 10, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box 27791-1

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1030

Complete if Known

Application Number	To be assigned
Filing Date	August 10, 2001
First Named Inventor	Muhammad A. Sharaf
Examiner Name	To be assigned
Group Art Unit	To be assigned

Attorney Docket No. 4422I1

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to

Deposit Account Number 01-2213
Deposit Account Name Applied Biosystems

- Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit card Money Other Order

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	201 355	Utility filing fee 710
106	320	206 160	Design filing fee
107	490	207 245	Plant filing fee
108	710	208 355	Reissue filing fee
114	150	214 75	Provisional filing fee
SUBTOTAL (1)		(\$ 710	

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	18	-20** = 0	X 18 0
Independent Claims	7	-3 ** = 4	X 80 320
Multiple Dependent			0

**or number previously paid, if greater. For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9
102	80	202 40
104	270	204 135
109	80	209 40
110	18	210 9

Claims in excess of 20
Independent claims in excess of 3
Multiple dependent claim, if not paid
** Reissue independent claims over original patent
** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 320

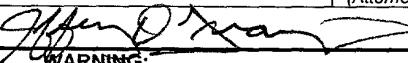
3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65	Surcharge – late filing fee or oath
127	50	227 25	Surcharge – late provisional filing fee or cover sheet
139	130	139 130	Non-English specification
147	2520	147 2520	For filing a request for ex parte reexamination
112	920*	112 920*	Requesting publication of SIR prior to Examiner action
113	1840*	113 1840*	Requesting publication of SIR after Examiner action
115	110	215 55	Extension for reply within first month
116	390	216 195	Extension for reply within second month
117	890	217 445	Extension for reply within third month
118	1390	218 695	Extension for reply within fourth month
128	1890	228 945	Extension for reply within fifth month
119	310	219 155	Notice of Appeal
120	310	220 155	Filing a brief in support of an appeal
121	270	221 135	Request for oral hearing
138	1510	138 1510	Petition to institute a public use proceeding
140	110	240 55	Petition to revive – unavoidable
141	1240	241 620	Petition to revive – unintentional
142	1240	242 620	Utility issue fee (or reissue)
143	440	243 220	Design issue fee
144	600	244 300	Plant issue fee
122	130	122 130	Petitions to the Commissioner
123	50	123 50	Petitions related to provisional applications
126	180	126 180	Submission of Information Disclosure Stmt
581	40	581 40	Recording each patent assignment per property (times number of properties)
146	710	246 355	Filing a submission after final rejection (37 CFR 1.129(a))
149	710	249 355	For each additional invention to be examined (37 CFR 1.129(b))
179	710	279 355	Request for Continued Examination (RCE)
169	900	169 900	Request for expedited examination of a design application
Other fee (specify) _____			

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

Name (Print/Type)	Jeffery D. Frazier	Registration No. (Attorney/Agent)	34,601	Complete (if applicable)
Signature			Date	Aug. 10, 2001

WARNING:

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